

REMARKS

The Office Action rejects claims 1-5 under 35 U.S.C. 112, second paragraph. Claim 1 has been amended to remove Examiner's objections to the use of the word "switch". Dependent claims 2-5 have been canceled and new claims 6-21 have been added to more clearly describe the invention.

Support for these claims will be found in the application.

Applicants have made an earnest attempt to place this case in condition for allowance. In light of the remarks set forth above, Applicants respectfully request reconsideration and allowance of claims 1-18. If there are matters which can be discussed by telephone to further the prosecution of this Application, Applicants invite the Examiner to call the undersigned attorney/agent at the Examiner's convenience.

A petition for extension of time is attached to this request, along with the respective extension fee due. The Commissioner is hereby authorized to charge any additional fees that may be due in connection with this filing to Deposit Account No. **17-0055**.

Respectfully submitted,
QUARLES & BRADY STREICH LANG, LLP

Dated: August 12, 2003 By: Kittie A. Murray
Kittie A. Murray, Reg. No. 30,346

Attorney Docket No. 130588.00015

Address all correspondence to:

One Renaissance Square
Two North Central Avenue
Phoenix, AZ 85004
Telephone: (602) 230-4675
Facsimile: (602) 229-5690
Email: kmurray@quarles.com



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gust et al.
Serial No.: 09/806
Filed: March 30, 2001
For: *MAGNETIC SWITCHING OF CHARGE SEPARATION LIFETIMES IN ARTIFICIAL PHOTOSYNTHETIC*
Group Art Unit: 2874
Examiner: Healy, B.

MARKED UP VERSION OF THE CLAIMS

1. (Amended once) A magnetically activated optoelectronic [switch] logic gate comprising:
 - a. means for receiving and storing electromagnetic radiation signals of ultraviolet or visible wavelength, magnetic field signals and combinations thereof; and
 - b. means for selectively accessing said [storage] stored signals to deliver said selected signals for signal processing.

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